

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1074	(417/440).CCLS.	USPAT; USOCR	OR	OFF	2006/11/20 08:41
S5	123	S1 and (automotive or vehicle)	USPAT; USOCR	OR	OFF	2006/11/20 08:43
S6	24	S5 and lubrication	USPAT; USOCR	OR	OFF	2006/11/20 08:44
S11	16	"417".clas. and (dual with oil with supply)	USPAT; USOCR	OR	OFF	2006/11/20 08:49
S12	332	(123/373).CCLS.	USPAT; USOCR	OR	OFF	2006/11/20 08:50
S13	53	"417".clas. and "oil supply pump"	USPAT; USOCR	OR	OFF	2006/11/20 08:56
S14	18	("2830668"   "4362467"   "4523891"   "4571157"   "4772181"   "4781533"   "4822243"   "5042966"   "5107676"   "5141399"   "5174718"   "5186608"   "5213471"   "5344101"   "5897293"   "6340290"   "6422816").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/20 08:54
S15	418	"oil supply pump"	USPAT; USOCR	OR	OFF	2006/11/20 09:08
S16	101	S15 and (automobile or automotive or vehicle)	USPAT; USOCR	OR	OFF	2006/11/20 09:08
S18	1	"dual oil supply"	USPAT; USOCR	OR	OFF	2006/11/20 16:49
S20	116488	"417".clas. "oil pump"	USPAT; USOCR	OR	OFF	2006/11/20 09:17
S21	15191	S20 and (automobile or automotive or vehicle)	USPAT; USOCR	OR	OFF	2006/11/20 09:17
S22	43	417/440.ccls. and "oil pump"	USPAT; USOCR	OR	OFF	2006/11/20 09:23
S23	74	417/269.ccls. and "oil pump"	USPAT; USOCR	OR	OFF	2006/11/20 09:29
S24	56925	(general motors).as.	USPAT; USOCR	OR	OFF	2006/11/20 09:29
S25	310	S24 and "oil pump"	USPAT; USOCR	OR	OFF	2006/11/20 09:29
S26	3	("6601557").URPN.	USPAT	OR	OFF	2006/11/20 11:02
S31	1560	123/90.16.ccls.	USPAT; USOCR	OR	OFF	2006/11/20 11:31
S34	400	123/192.2.ccls.	USPAT; USOCR	OR	OFF	2006/11/20 11:32

## EAST Search History

S35	16	(US-4373870-\$ or US-7118336-\$ or US-6845847-\$ or US-6725954-\$ or US-6390072-\$ or US-6247904-\$ or US-6113360-\$ or US-3791776-\$ or US-6920850-\$ or US-6860250-\$ or US-6810845-\$ or US-6601557-\$ or US-6183230-\$ or US-6138633-\$ or US-5896841-\$ or US-7007655-\$). did.	USPAT	OR	OFF	2006/11/20 11:33
S37	2	S35 and gerotor	USPAT; USOCR	OR	OFF	2006/11/20 15:38
S38	5538	("ford motor company").as.	USPAT; USOCR	OR	OFF	2006/11/20 15:38
S39	87	S38 and "oil pump"	USPAT; USOCR	OR	OFF	2006/11/20 15:39
S40	290106	"137".clas. "417".clas.	USPAT; USOCR	OR	OFF	2006/11/20 16:49
S41	3022	S40 and "oil pump"	USPAT; USOCR	OR	OFF	2006/11/20 16:50
S42	25	S40 and ("oil pump" and "common inlet")	USPAT; USOCR	OR	OFF	2006/11/20 16:54
S43	702	S40 and ("oil pump" and (vehicle or automobile or automotive))	USPAT; USOCR	OR	OFF	2006/11/20 17:35
S44	3	("20010048090"   "6681806"   "6695284").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/20 16:57
S45	3	("5220891"   "5964198"   "6810845").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/20 17:33
S46	5	("4512298"   "5220891"   "5704315"   "5915348"   "6230680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/20 17:33
S47	4	("5143034"   "5220891"   "5964198"   "RE35382").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/20 17:35
S48	18	S40 and ("oil pump" and gerotor and (vehicle or automobile or automotive))	USPAT; USOCR	OR	OFF	2006/11/20 17:36
S49	1	("6860250").URPN.	USPAT	OR	OFF	2006/11/20 17:37
S50	1	("6810845").URPN.	USPAT	OR	OFF	2006/11/20 17:38
S51	14	("3359727"   "3605583"   "3785157"   "3863449"   "3874523"   "3890783"   "4367699"   "4694648"   "4936095"   "5901536"   "6145312"   "6837047").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 08:54

## EAST Search History

S52	27412	"oil pump"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 08:54
S53	8	S52 and "flow pulsations"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 08:58
S55	12	S52 and "advancing phase"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 09:02
S56	103	S52 and "phase" and "pulsations"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 09:03
S57	8	S52 and "phase" with "pulsations"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 09:03